

ERRATUM

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A microRNA array reveals extensive regulation of microRNAs during brain development

ANNA M. KRICHEVSKY, KEVIN S. KING, CHRISTINE P. DONAHUE, KONSTANTIN KHRAPKO, and KENNETH S. KOSIK

The authors would like to revise the designation of the microRNAs (miRNAs) listed in Table 1. Since numerous new miRNAs, unavailable at the time of manuscript submission, have been reported by other groups, the miRNAs marked in Table 1 with asterisks (see revised table at right) were assigned by the miRNA Registry with different names than those published in this paper.

In addition, miR-131 is alternatively known in the Rfam database as miR-9*, as it appears to be expressed from the opposite strand of the miR-9 precursor. The sequences quoted in the paper as miR-178 and miR-266 were renamed miR-181a and miR-130b, respectively.

The small RNA referred to as miR-271 does not fulfill the stringent criteria for miRNA suggested by Ambros et al. (2003). [Ambros, V., Bartel, B., Bartel, D.P., Burge, C.B., Carrington, J.C., Chen, X., Dreyfuss, G., Eddy, S.R., Griffiths-Jones, S., Marshall, M., et al. 2003. A uniform system for microRNA annotation. *RNA* 9: 277–279.] Although this molecule is expressed in brain as detected by Northern blot analysis, it may represent a different class of non-coding RNA and, therefore, was deleted from the list of miRNAs included on the array.

The authors apologize for potential confusion in nomenclature that this paper may have caused.

REVISED TABLE 1. List of miRNAs included on the array

miRNA	Sequence (5' to 3')
mir-9	TCTTTGGTATCTAGCTGTATGA
mir-16	TAGCAGCACGTAATATTGGCG
mir-19b	TGTGCAAAATCCATGCAAACTGA
mir-30b	TGTAACATCCTACACTCAGC
mir-93	AAAGTGCTGTTCTGTCAGGTAG
mir-98	TGAGGTAGTAAGTTGTATTGTT
mir-99a	ACCCGTAGATCCGATCTTGT
mir-103	AGCAGCATTGTACAGGGCTATGA
mir-124a	TAAGGCACGCGGTGAATGCCA
mir-125b	TCCCTGAGACCCTAACCTTGTA
mir-127	TCGGATCCGCTGAGCTTGGCT
mir-128	TCACAGTGAACCGGTCTCTTT
mir-130	CAGTGCAATGTAAAAGGGCAT
mir-131/mir-9*	TAAAGCTAGATAACCGAAAGT
mir-132	TACAGTCTACAGCCATGGTCGT
mir-138	AGCTGGTGTGTGAATC
mir-181b	AACATTCAACGCTGTCGGTGAG
mir-191	CAACGGAATCCCAAAAGCAGCT
mir-322	AAACATGAAGCGCTGCAACA
mir-323	GCACATTACACGGTCGACCTCT
mir-324-3p	ACTGCCCCAGGTGCTGCTGG
mir-324-5p	CGCATCCCCTAGGGCATTGGTGT
mir-326	CCTCTGGGCCCTTCTCCAGT
let-7d*	CTATACGACCTGCTGCCTTTCTA
mir-328	CTGGCCCTCTCTGCCCTCCGT
mir-329	AACACACCCAGCTAACCTTTTT
mir-330	CAAAGCACAGGGCCTGCAGT
mir-140*	TACCACAGGGTAGAACACGGACA
mir-335	TCAAGAGCAATAACGAAAAATGT
mir-338	TCCAGCATCAGTGATTTTGTGA
mir-339	TCCCTGTCCTCCAGGAGCTCATT
mir-342	TCTCACACAGAAATCGCACCCGTC
mir-344	TGATCTAGCCAAAGCCTGACCGT
mir-345	TGCTGACCCCTAGTCCAGTGC
mir-218	TTGTGCTTGATCTAACCATGTG
mir-213	ACCATCGACCGTTGATTGTACC
mir-347	TGTCCCTCTGGGTCGCCA
mir-349	CAGCCCTGCTGTCTTAACCTCT
mir-129*	AAGCCCTTACCCCAAAAGCAT
mir-221	AGTACATTGTCTGCTGGGTTTC
mir-351-like	TCCCTGAGAGCCCTTTGAGCCTGT
mir-351	TCCCTGAGGAGCCCTTTGAGCA
mir-130b	CAGTGCAATGATGAAAGGGCAT

miRNAs miR-322–miR-351 have been recently cloned from rat neurons by Kim et al. (2003). [Kim, J., Krichevsky, A., Grad, Y., Hayes, G.D., Kosik, K.S., Church, G.M., and Ruvkun, G. 2003. Identification of many microRNAs that copurify with polyribosomes in mammalian neurons. *Proc. Natl. Acad. Sci.* 101: 360–365.] miRNA marked with asterisks (let-7d*, mir-140*, and mir-129*) are expressed from the opposite strand of the corresponding miRNA (let-7d, mir-140, and mir-129) precursors. Similarly, miR-131 is alternatively named miR-9*, as it is expressed from the opposite strand of the miR-9 precursor.



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